Get REAL! Trend Report

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Executive Summary

The goal of this report is to provide an internal report about data trends in the Get REAL! program and to identify strengths and areas for improvement.

The Get REAL! program is meeting the objectives established for itself. Student surveys and academic data from the Get REAL! program were pulled from the last 3 year membership years and analyzed for trend data. Attendance data and behavior data were only analyzed for the last two membership years.

This report is broken into a life skills section and academic data section. The overall trend is that students in the program are demonstrating improvement in life skills and academic data. The report shows increased post survey averages along with increased change in grades over the past three years.The most impressive statistic is that **75%** of students who started with a failing grade finish with a C or higher in their Language Arts courses.

Life Skills

Methodology

The questions and the scoring methodology of the girl survey were developed and tested by the Girl Scout Research Institute. Girls answer multiple questions to obtain an outcome score for each life skill domain. Responses to survey questions are assigned numbers/points and outcome scores are calculated by averaging responses to survey questions for each category.

Outcome cutpoints are determined by the number of questions in the outcome set and response options. Outcomes scores range from 0-6. Below is a breakdown of the cut-points by the outcomes measured. Outcome cut-points are used to determine high achievement. Below is a breakdown of the cutpoints by the outcomes measured.

outcome	criteria
Healthy Relationships	4.45
Academic Mastery	4.80
Academic Engagement	4.50

Objective –70% of participating girls will demonstrate an increased understanding of pertinent life skills as demonstrated by a pre and post assessment

The student-survey is administered measures the following life skills, healthy relationships, academic engagement, and academic mastery.

- Healthy Relationships–Measures relationship skills with peers and adults.

- Academic Engagement–Measures specific behaviors related to school success.

- Academic Mastery–Measures attitude toward education.

Life Skills Results Summary

Over a three year period 970 students had matched pre and post surveys. There are 116 students who were matched for multiple years. Post survey outcome scores are trending up from the baseline year and there is a positive increase from pre to post scores. The data shows that the match students outperformed their peers in the realm of Academic Mastery but not in Healthy Relationships or Academic Engagement.

To have a successful outcome students either need to achieve a domain at a high level on the post survey or increase from pre to post if they are not achieving at a high level.

The results over two years:

- 79% Healthy Relationships
- 73% Academic Engagement
- 81% Academic Mastery

Data Entry Status for Life Skills

	13-14	14-15	15-16	Sum
Citrus Council	0	25	0	25
Gateway Council	110	216	204	530
Gulfcoast Council	10	0	0	10
Panhandle Council	0	23	8	31
Southeast Council	66	41	38	145
Tropical Council	0	1	6	7
West Central Council	53	95	74	222
Sum	239	401	330	970

Healthy Relationships

Post Survey Success

Success	n	percent
FALSE	203	20.93%
TRUE	767	79.07%

Achievement by Council

council	Success	n	percent
Citrus Council	TRUE	18	72.00%
Gateway Council	TRUE	431	81.32%
Gulfcoast Council	TRUE	8	80.00%
Panhandle Council	TRUE	22	70.97%
Southeast Council	TRUE	104	71.72%
Tropical Council	TRUE	7	100.00%
West Central Council	TRUE	177	79.73%

Achievement by Matched Status

Match	Success	n	percent
No	FALSE	179	20.96%
No	TRUE	675	79.04%
Yes	FALSE	24	20.69%
Yes	TRUE	92	79.31%

Average Difference between Pre and Post Surveys

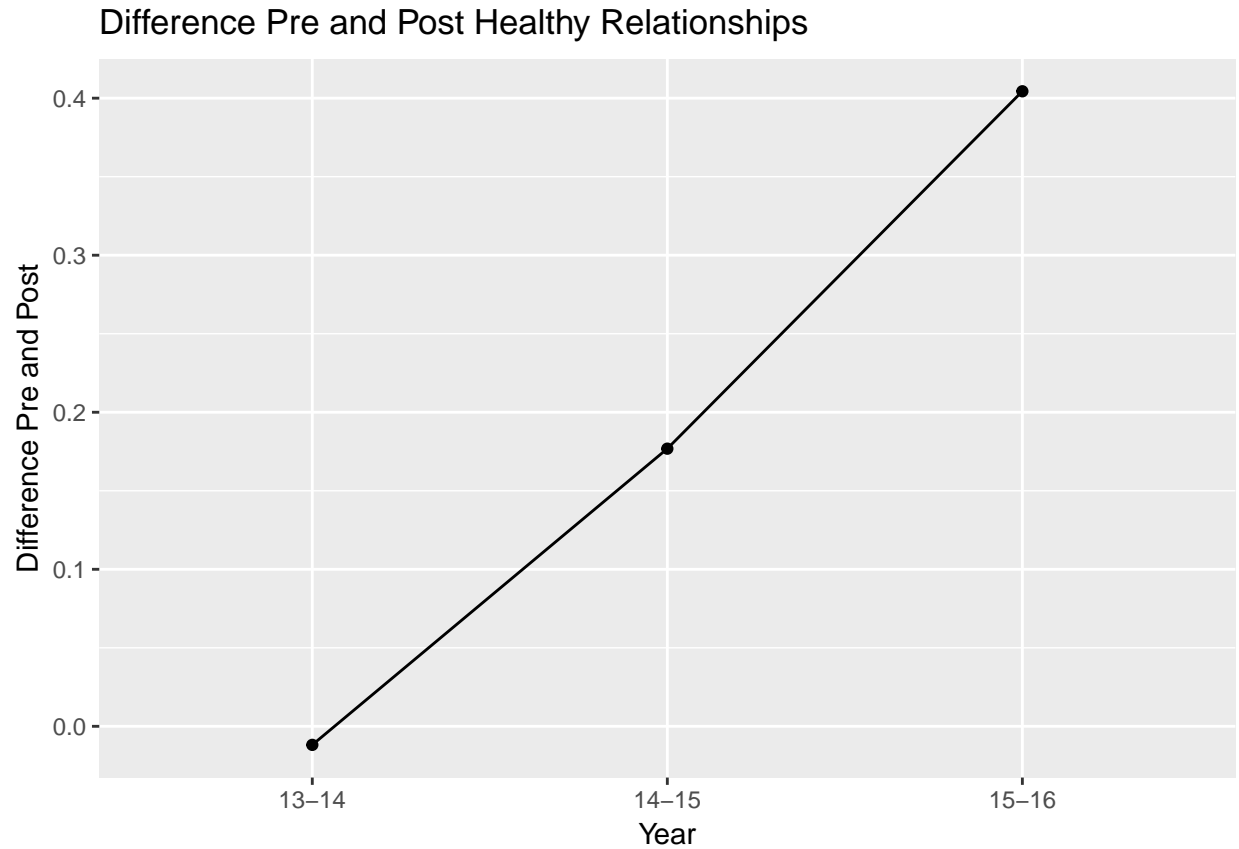The mean difference between pre and post survey is *0.2078*.

Match	mean
No	0.2253513
Yes	0.0782328

Healthy Releationship Survey Results
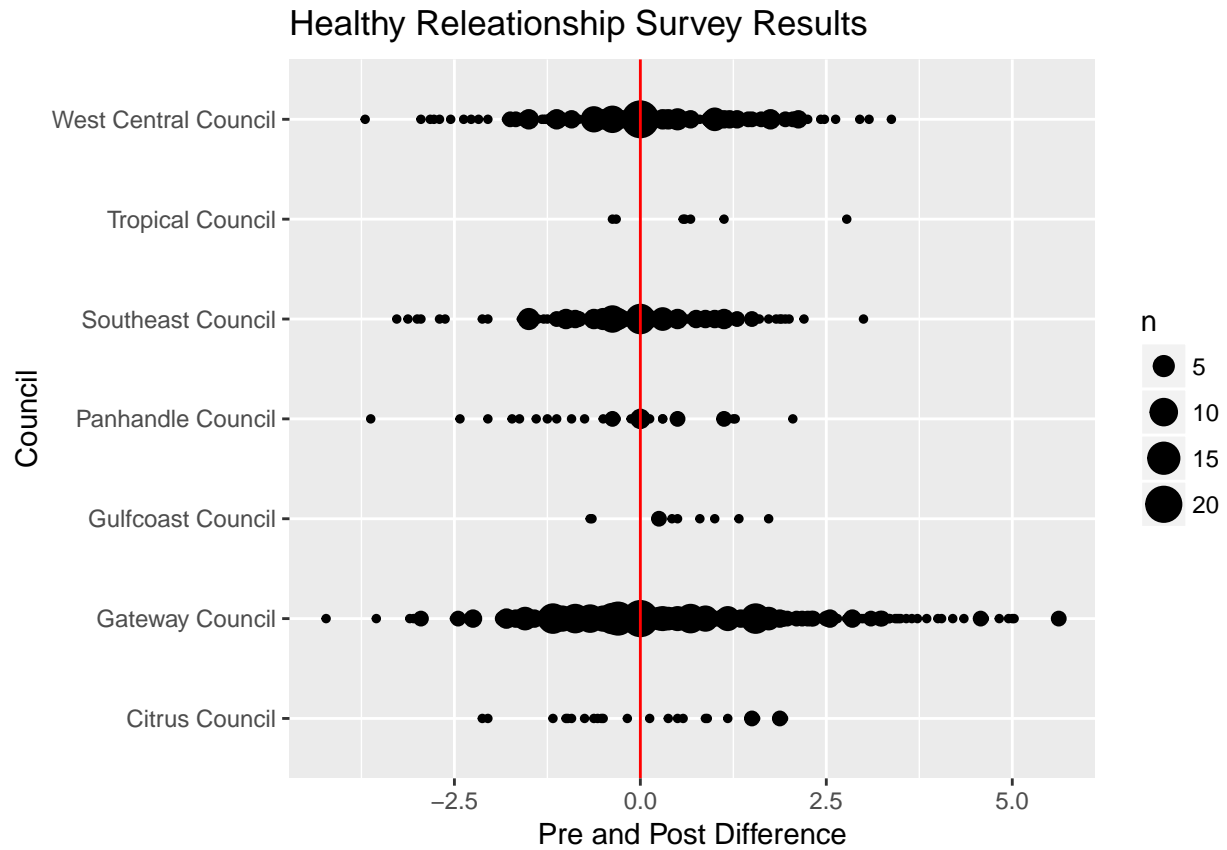
Average Difference by Year

Year_Id	hr.diff
13-14	-0.01182008

Year_Id	hr.diff
14-15	0.17680798
15-16	0.40439394

Difference Pre and Post Healthy Relationships

Average Difference between Pre and Post by Council

council	hr.diff
Citrus Council	0.13400000
Gateway Council	0.37429245
Gulfcoast Council	0.49500000
Panhandle Council	-0.33548387
Southeast Council	-0.11017241
Tropical Council	0.72142857
West Central Council	0.07286036

Post Survey Average Score

Year_Id	Post
13-14	4.597071
14-15	4.627681

Year_Id	Post
15-16	4.935152

Match	Post
No	4.736680
Yes	4.636853

Healthy Relationships Post Survey Averages by Year
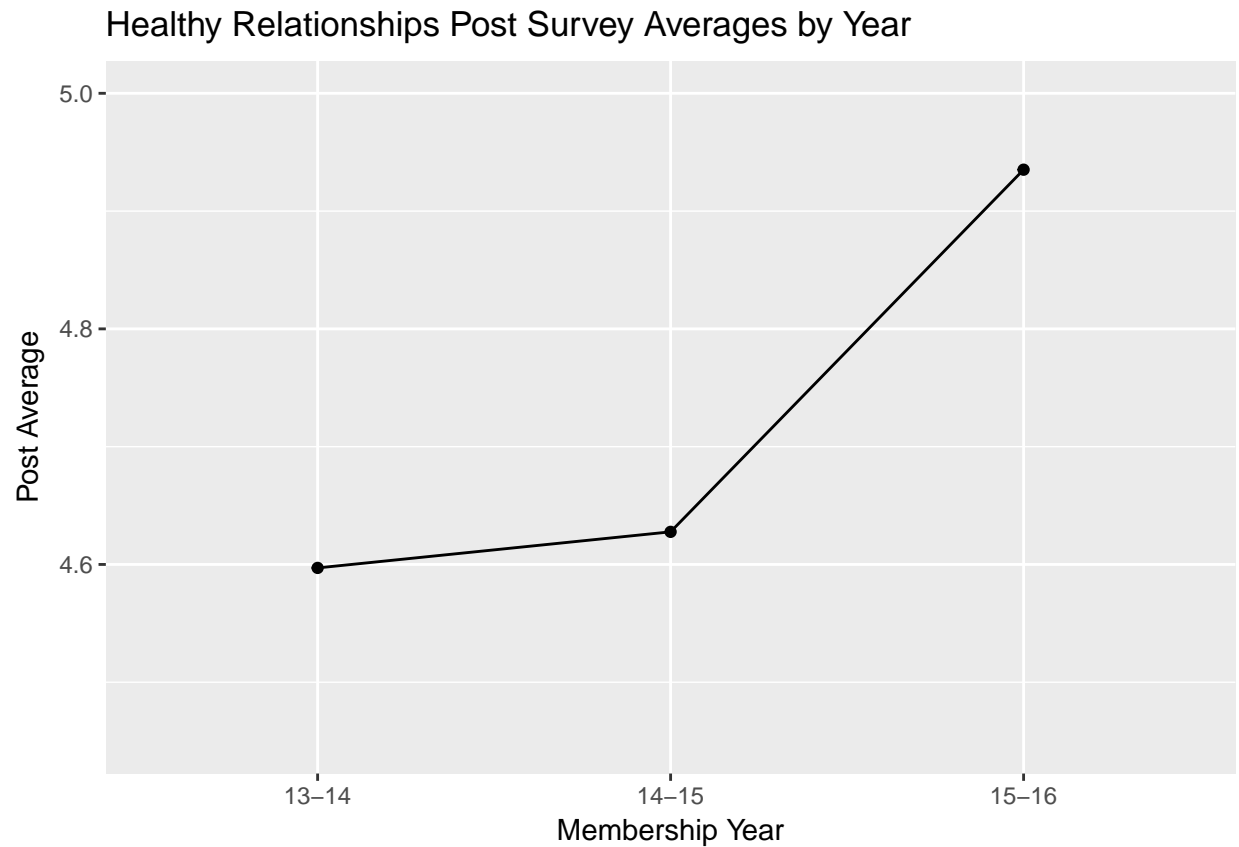
Academic Engagement

Post Survey Achievment

Success	n	percent
FALSE	257	26.49%
TRUE	713	73.51%

Achievement by Council

council	Success	n	percent
Citrus Council	TRUE	11	44.00%
Gateway Council	TRUE	440	83.02%
Gulfcoast Council	TRUE	9	90.00%
Panhandle Council	TRUE	17	54.84%
Southeast Council	TRUE	88	60.69%
Tropical Council	TRUE	6	85.71%
West Central Council	TRUE	142	63.96%

Achievement by Matched Status

Match	Success	n	percent
No	FALSE	221	25.88%
No	TRUE	633	74.12%
Yes	FALSE	36	31.03%
Yes	TRUE	80	68.97%

Average Difference between Pre and Post Surveys

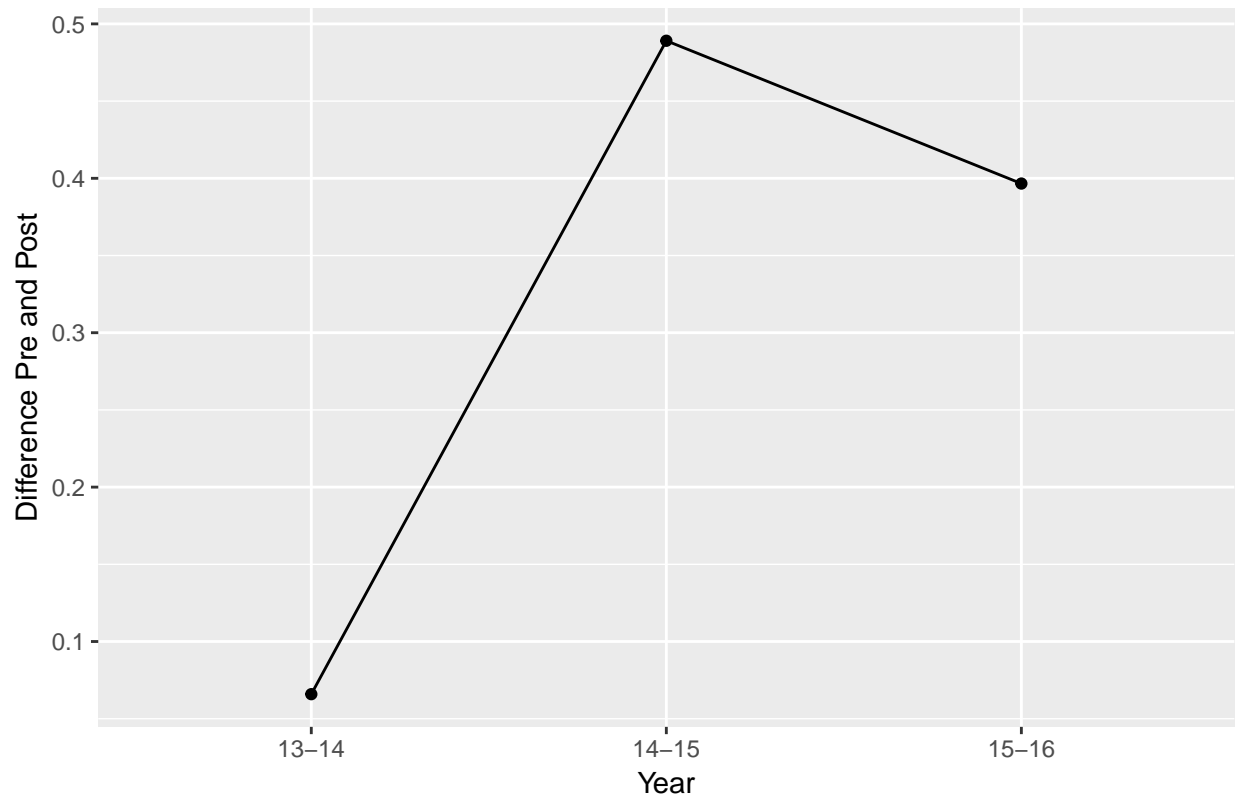The mean difference between pre and post survey is *0.3534*.

Match	mean
No	0.3565574
Yes	0.3297414

Academic Engagement Survey Results
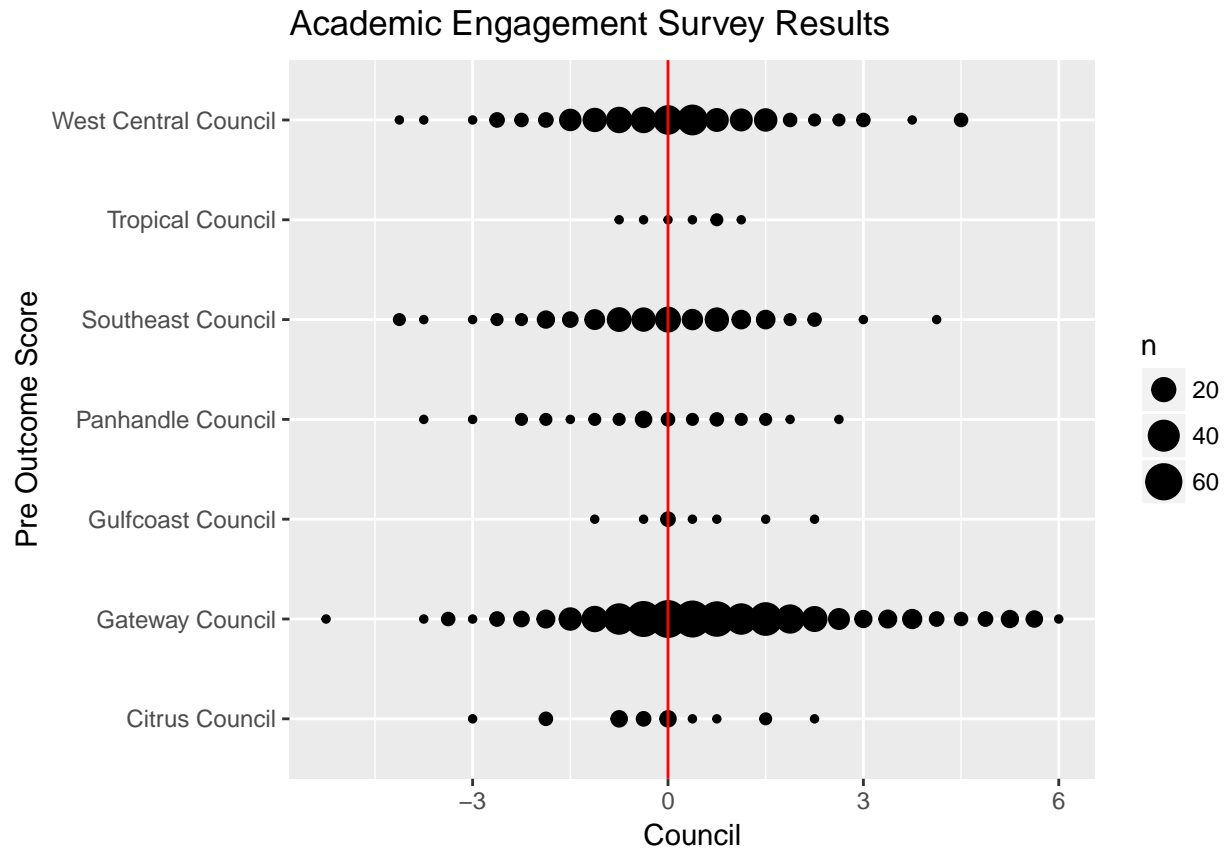
Average Difference by Year

Year_Id	ae.diff
13-14	0.06589958
14-15	0.48908978
15-16	0.39659091

Acedemic Engagement: Difference Pre and Post


Average Difference between Pre and Post by Council

council	ae.diff
Citrus Council	-0.33000000
Gateway Council	0.69622642
Gulfcoast Council	0.33750000
Panhandle Council	-0.31451613
Southeast Council	-0.13448276
Tropical Council	0.26785714
West Central Council	0.02702703

Post Survey Average Score

Match	Post
No	4.490779
Yes	4.280172

Year_Id	Post
13-14	4.264644
14-15	4.323254

Year_Id	Post
15-16	4.784091

Academic Engagement: Post Survey Averages by Year
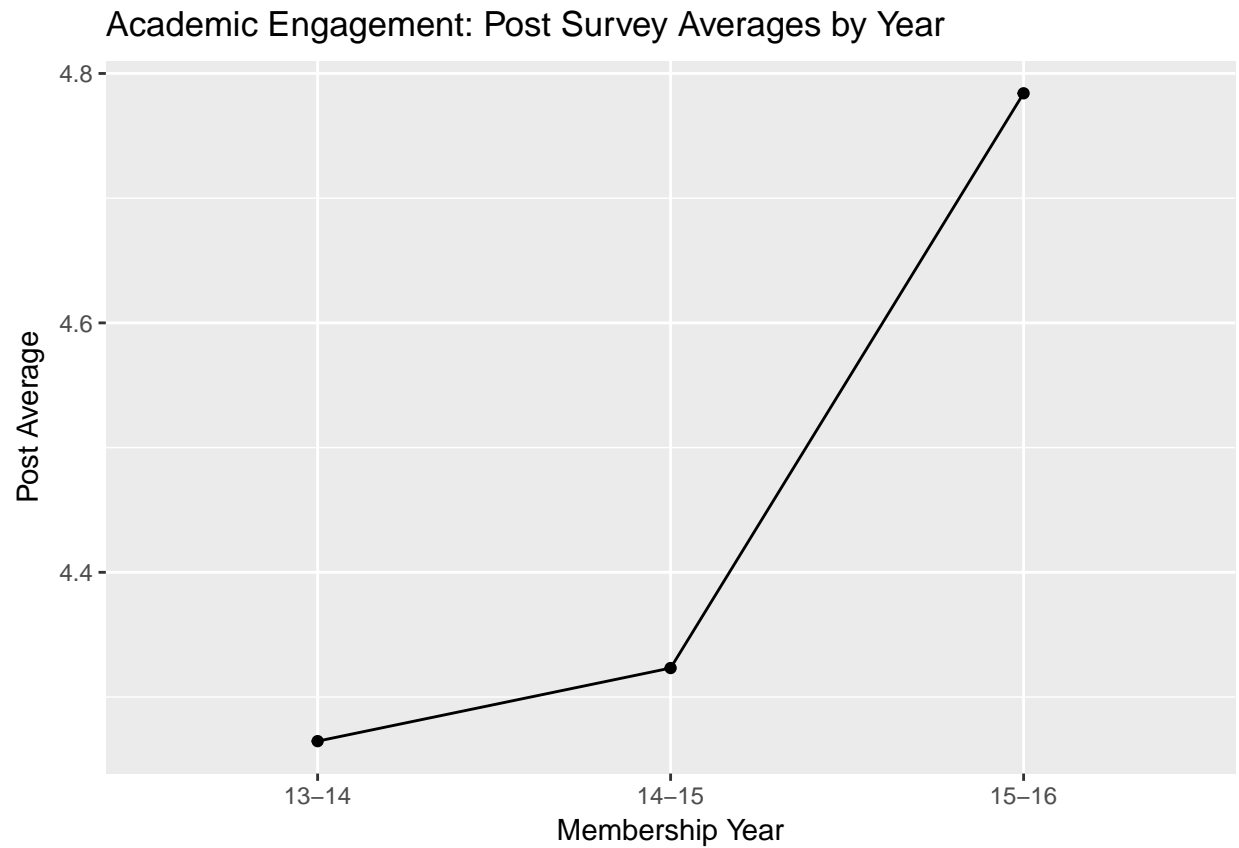
Post Survey Average Score by Council

council	Post
Citrus Council	3.705000
Gateway Council	4.789387
Gulfcoast Council	4.575000
Panhandle Council	3.786290
Southeast Council	4.174138
Tropical Council	3.964286
West Central Council	4.074324

Academic Mastery

Post Survey Achievment

Success	n	percent
FALSE	180	18.56%

Success	n	percent
TRUE	790	81.44%

Achievement by Council

council	Success	n	percent
Citrus Council	TRUE	21	84.00%
Gateway Council	TRUE	383	72.26%
Gulfcoast Council	TRUE	10	100.00%
Panhandle Council	TRUE	26	83.87%
Southeast Council	TRUE	138	95.17%
Tropical Council	TRUE	7	100.00%
West Central Council	TRUE	205	92.34%

Achievment by Matched Status

| Match	Success	n	Percent
No	FALSE	164	19.20%
No	TRUE	690	80.80%
Yes	FALSE	16	13.79%
Yes	TRUE	100	86.21%

Average Difference between Pre and Post Surveys

The mean difference between pre and post survey is *-0.04849.*

Match	mean
No	-0.0480562
Yes	-0.0517241

Academic Mastery Survey Results
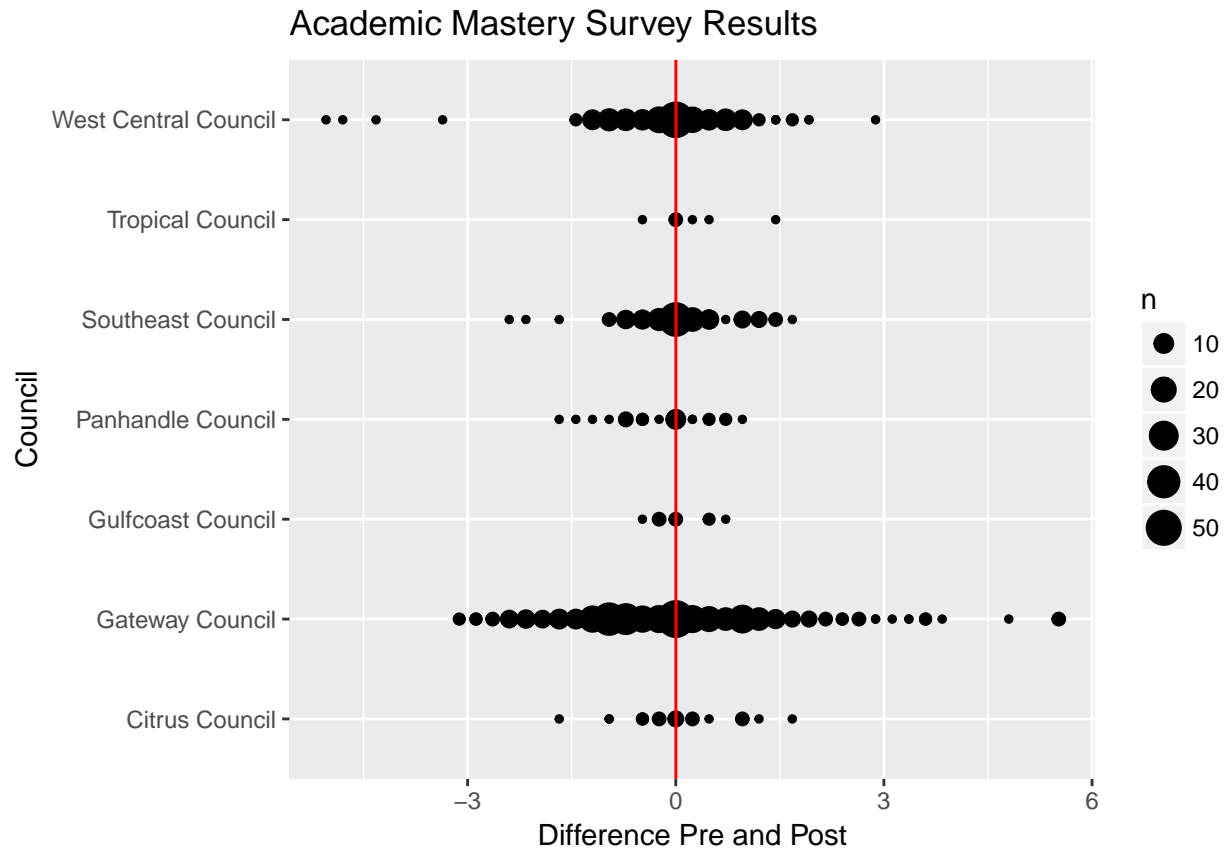
Year_Id	am.diff
13-14	-0.2410042
14-15	-0.1526185
15-16	0.2174545

Acedemic Mastery: Difference Pre and Post
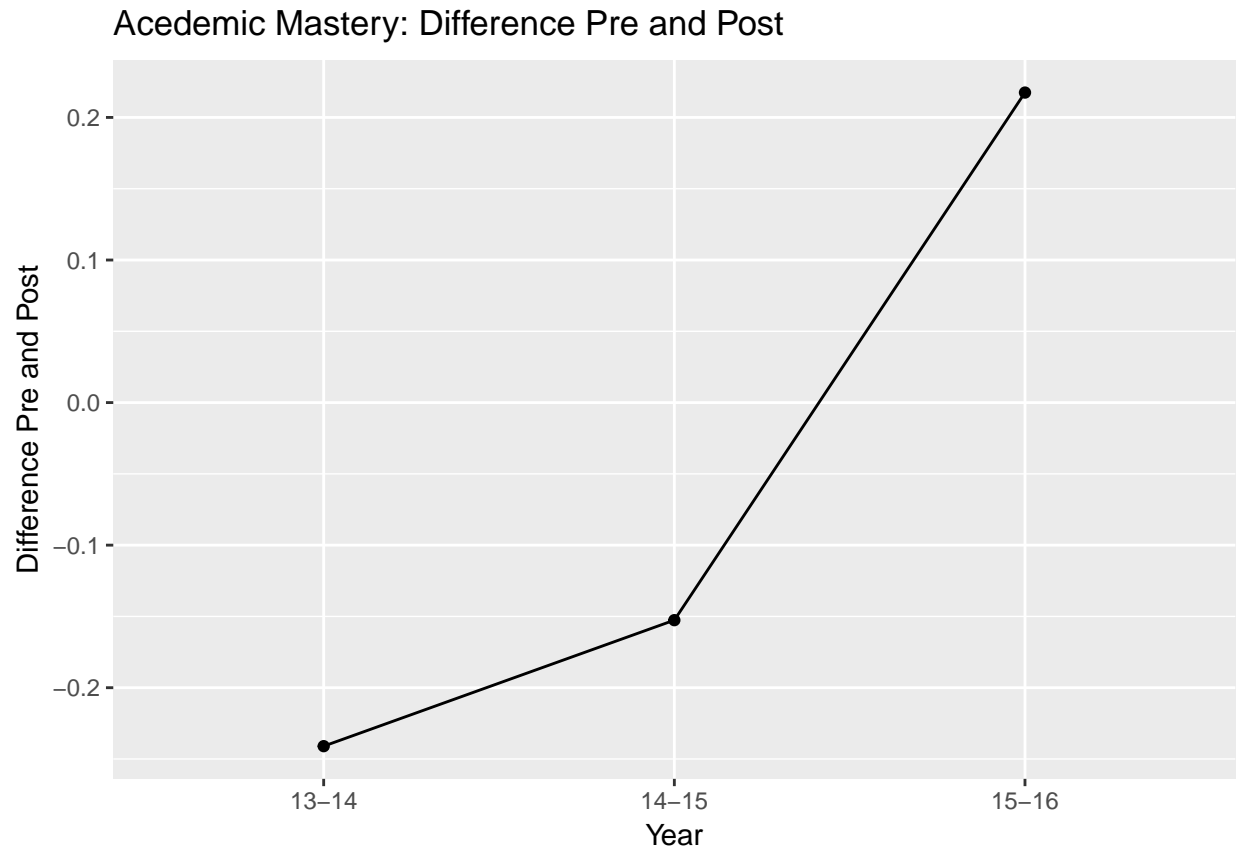
Average Difference between Pre and Post by Council

council	am.diff
Citrus Council	0.03840000
Gateway Council	-0.06022642
Gulfcoast Council	0.04800000
Panhandle Council	-0.19354839
Southeast Council	0.06455172
Tropical Council	0.24000000
West Central Council	-0.09729730

Post Survey Average Scores

Match	Post
No	5.090304
Yes	5.191034

Year_Id	Post
13-14	5.164519
14-15	4.931072

Year_Id	Post
15-16	5.265455

Academic Mastery: Post Survey Averages by Year
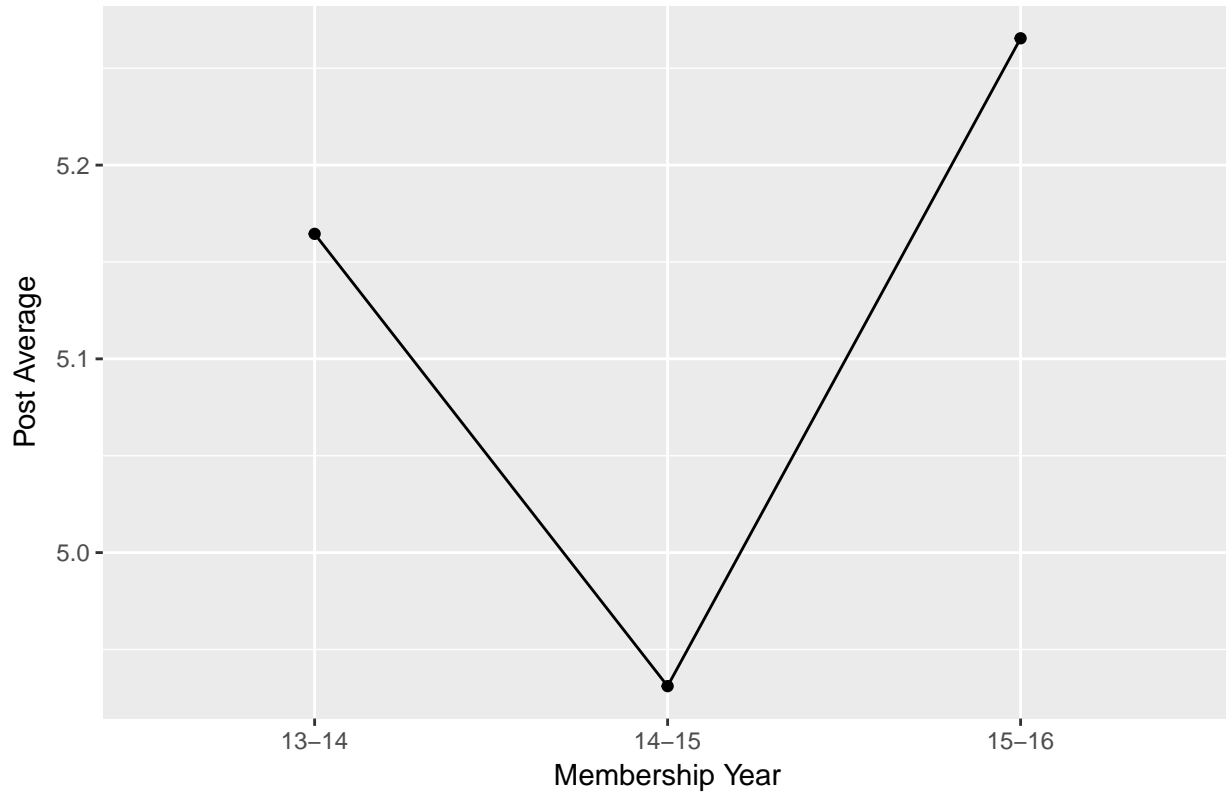
Post Survey Average Score by Council

council	Post
Citrus Council	5.241600
Gateway Council	4.862491
Gulfcoast Council	5.712000
Panhandle Council	5.225807
Southeast Council	5.594483
Tropical Council	4.971429
West Central Council	5.297297

Academic Data Results Summary

The Get REAL! program is meeting the academic objectives that it has established for itself. Students who were matched for multiple years are out performing their peers who were only matched once in the academic realms.

Reading Improvement:

50% of participating students will improve their reading skills as demonstrated by their Language Arts grade

increasing or maintaining a "C" grade from the baseline grading period to the final grading period as evidenced by report cards/school reports.

Results:76% of the students are achieving this objective.

The caveat is that 61% of these students are maintaining their grade rather then increasing their grade. In addition to achieving the objective, there has been on average an increase in the difference between baseline and final grades for both Language Arts and Reading grades.

Improved Attendance:

60% of participating students will either maintain or improve their attendance rate.

Results: 61% of students are achieving this outcome.

This is a challenging outcome because the objective is not capturing the over arching goal of the program. For example a student may have zero absences at baseline and 1 absences in the final and this would be a negative outcome

This objective may benefit from a more nuanced wording to capture the impact of the Get REAL program! For instance, looking more closely at the outcome of students with 4 or absences at baseline.

Improvement In School Behavior

70% of participating students will show improvement in behavior by decreasing their number of suspensions from the baseliine to final.

Results: 92% of students have demonstrated a successful outcome.

Nearly 83% of students in the program never receive a suspension. However, there is an increased average difference between baseline and final. This means that there is a segment of students about 8% that continue to receive suspensions from baseline to final grading period.

Language Arts Grade Data

The number of students that were matched from the past 3 Membership Years is **1763**

The percent of students with a successful outcome is **76.23%**

- The number of students who increased their grade or maintained at least a C grade is **1344**
  - The number of students with a final grade of C and increased their grade is **524**
  - The number of students who maintained at least a C grade is **820**

The percent of students who went from failing to passing is **75.77%**

- The number of students who started with a failing grade is **194**
- The number of students who increased grade from failing to passing **147**

Achievement by Council

council	Success	n	percent
Citrus Council	TRUE	70	62.50%
Gateway Council	TRUE	553	81.93%
Gulfcoast Council	TRUE	22	48.89%
Panhandle Council	TRUE	208	69.57%
Southeast Council	TRUE	311	82.06%
Tropical Council	TRUE	10	66.67%

council	Success	n	percent
West Central Council	TRUE	170	71.43%

Match	Success	n	percent
No	TRUE	1141	75.76%
Yes	TRUE	203	78.99%

Year_Id	Grade_Change
13-14	-0.02154399
14-15	0.12423780
15-16	0.26909091

Average Grade Change by Year
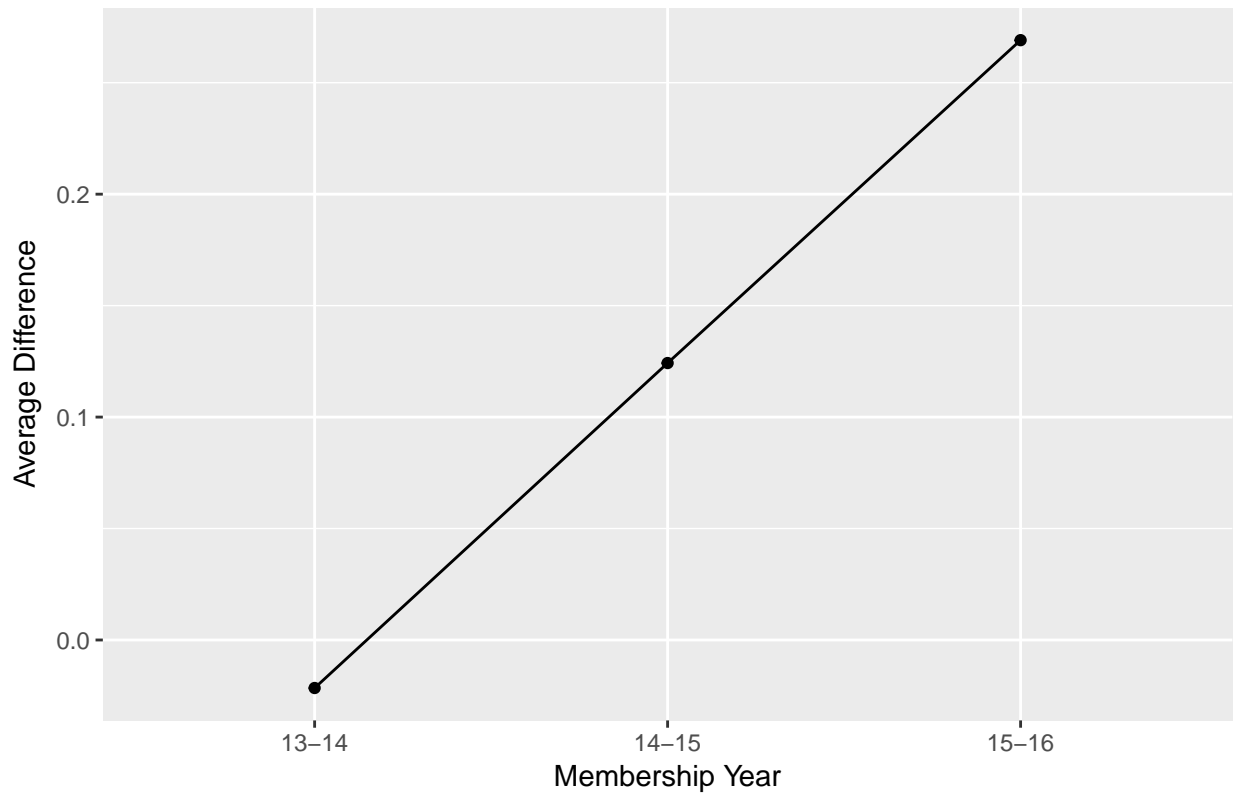
council	Year_Id	Grade_Change
Citrus Council	14-15	-0.089743590
Citrus Council	15-16	-0.029411765
Gateway Council	13-14	0.004048583
Gateway Council	14-15	0.312500000
Gateway Council	15-16	0.597014925
Gulfcoast Council	13-14	-0.444444444
Panhandle Council	13-14	-0.306451613

council	Year_Id	Grade_Change
Panhandle Council	14-15	0.088607595
Southeast Council	13-14	0.130434783
Southeast Council	14-15	0.092920354
Southeast Council	15-16	0.095238095
Tropical Council	14-15	0.214285714
Tropical Council	15-16	-0.125000000
West Central Council	13-14	0.119047619
West Central Council	14-15	0.090163934
West Central Council	15-16	-0.148148148

Average Grade Change by Year and Council
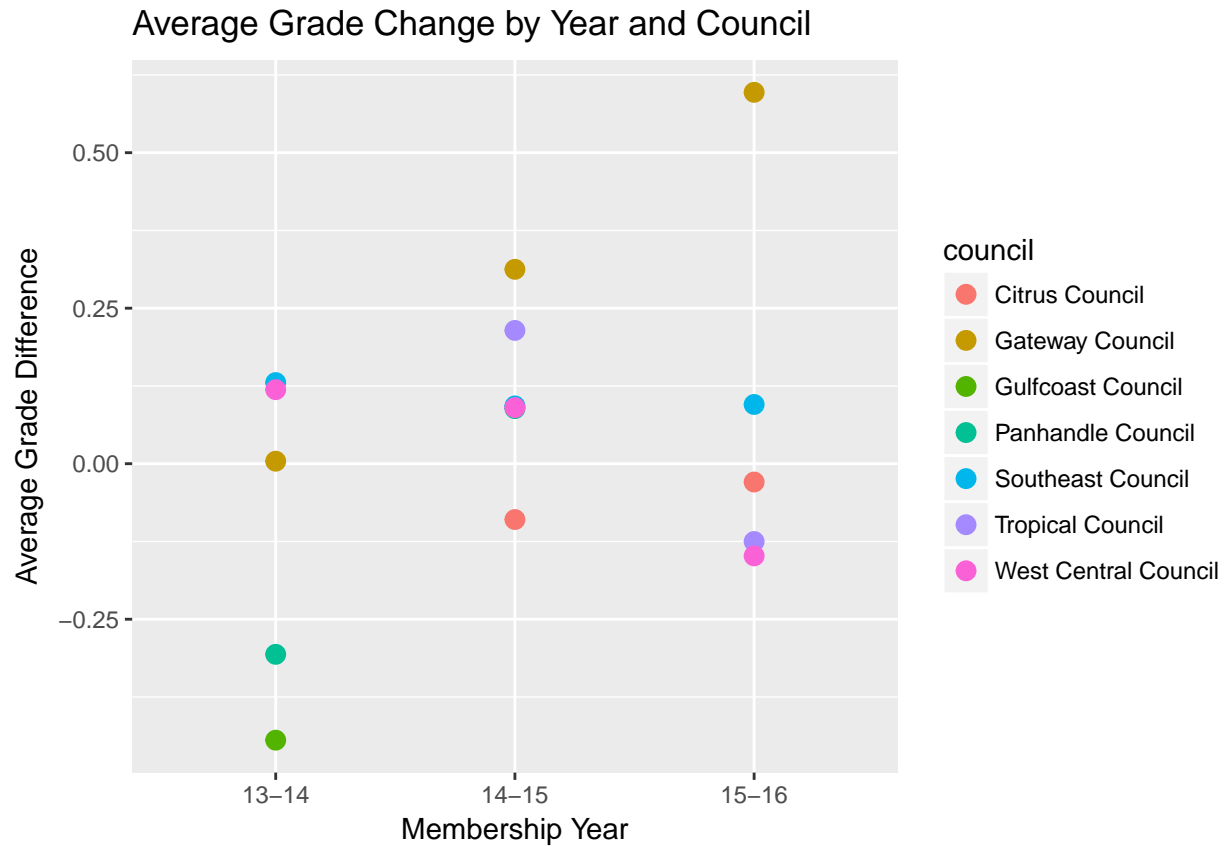
Reading Grade Data

The number of students that were matched from the past 3 Membership Years is **798**

The percent of students with a successful outcome is **75.69%**

- The number of students who increased their grade or maintained at least a C grade is **604**
  - The number of students with a final grade of C and increased their grade is **274**
  - The number of students who maintained at least a C grade is **330**

The percent of students who went from failing to passing is **74.16%**

- The number of students who started with a failing grade **89**

- The number of students who increased grade from failing to passing **66**

Achievement by Council

council	Success	n	percent
Citrus Council	TRUE	27	52.94%
Gateway Council	TRUE	259	83.01%
Gulfcoast Council	TRUE	14	66.67%
Panhandle Council	TRUE	24	54.55%
Southeast Council	TRUE	104	71.23%
Tropical Council	TRUE	6	85.71%
West Central Council	TRUE	170	78.34%

Match	Success	n	percent
No	TRUE	552	75.62%
Yes	TRUE	52	76.47%

Grade Changes from baseline to final

Grade change by Matched Status

Match	Grade_Change
No	0.1390411
Yes	0.5441176

Grade Change by Year

Year_Id	Grade_Change
13-14	0.0000000
14-15	0.2079365
15-16	0.2607143

Average Grade Change by Year
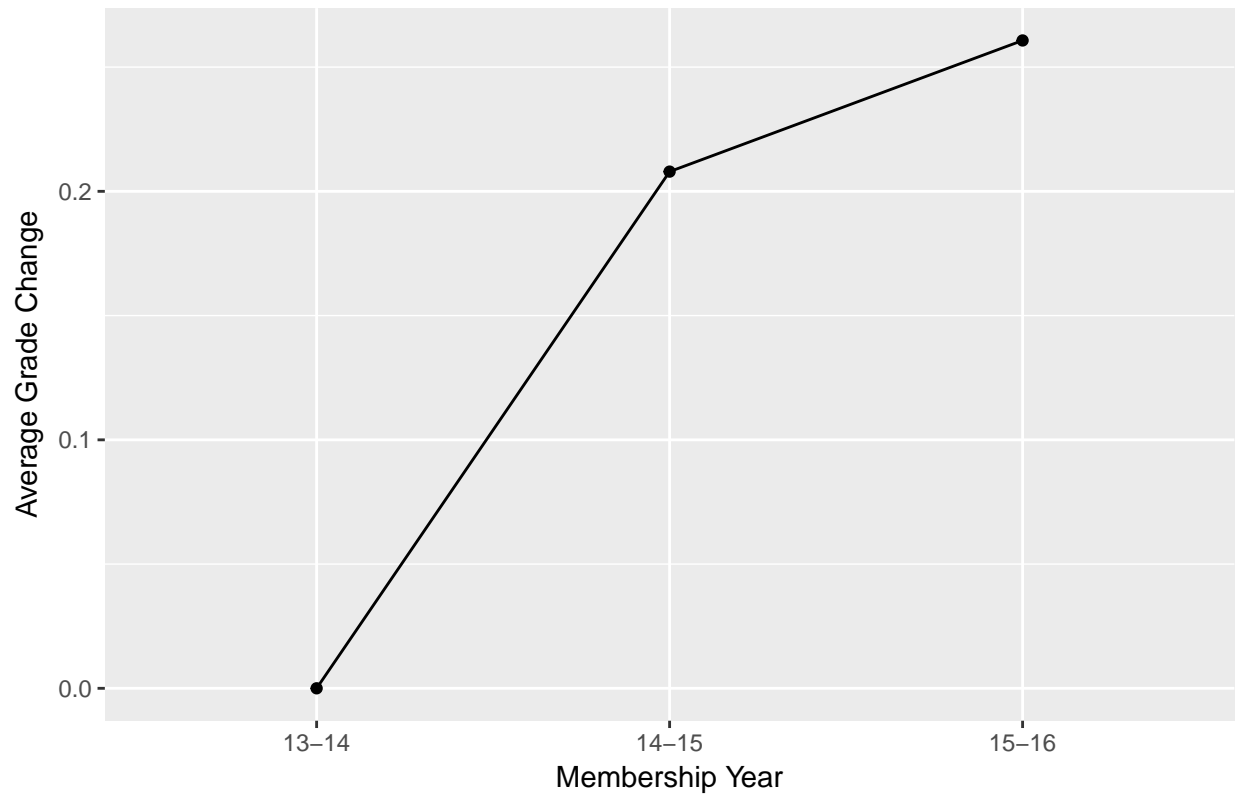
council	Year_Id	Grade_Change
Citrus Council	14-15	-0.67105263
Citrus Council	15-16	0.07692308
Gateway Council	13-14	0.21195652
Gateway Council	14-15	0.44690265
Gateway Council	15-16	0.42056075
Gulfcoast Council	13-14	-0.14285714
Panhandle Council	13-14	-0.89285714
Panhandle Council	14-15	0.75000000
Southeast Council	13-14	-0.04545455
Southeast Council	14-15	0.00000000
Southeast Council	15-16	0.15625000
Tropical Council	14-15	0.25000000
Tropical Council	15-16	0.00000000
West Central Council	13-14	0.23750000
West Central Council	14-15	0.32738095
West Central Council	15-16	0.18279570

Average Grade Change by Year and Council
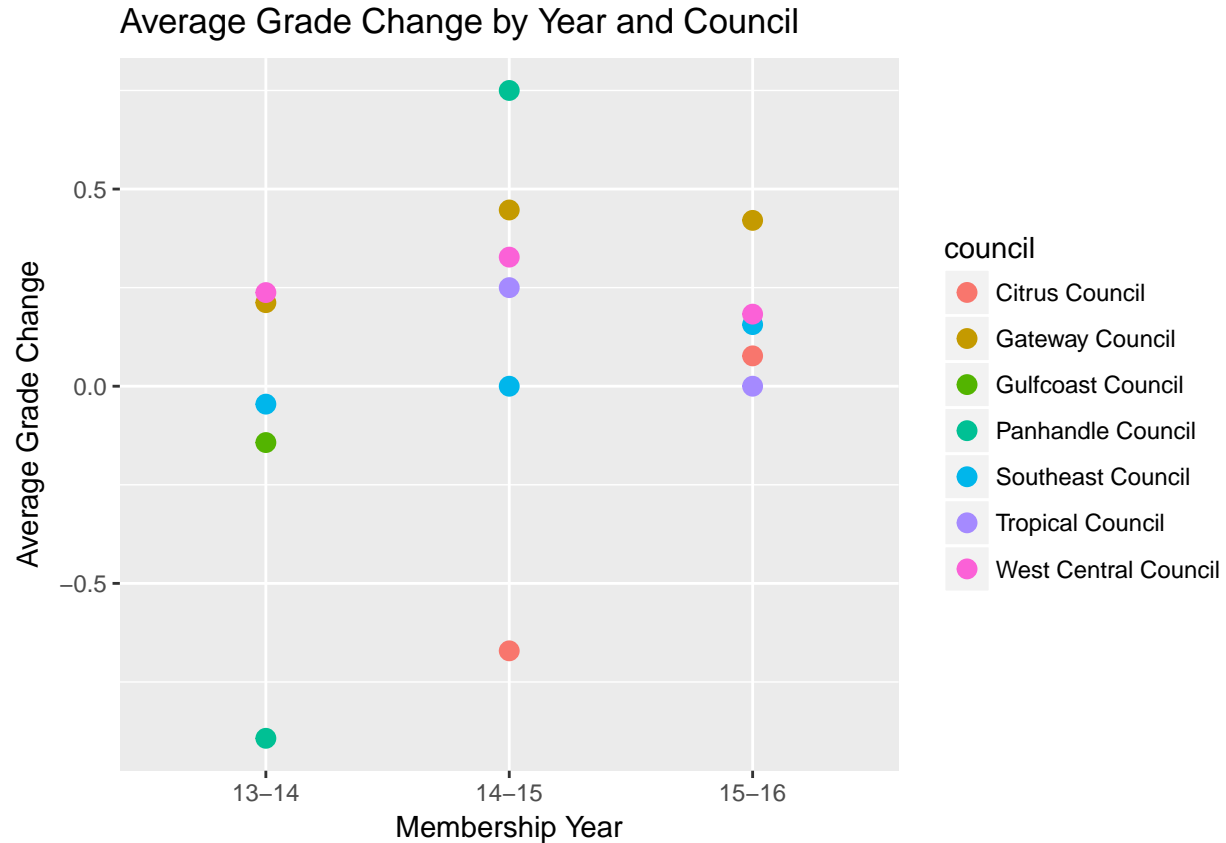
Attendance Data

The number of students in the dataset are **1245** and the number of students that could be matched across two years is **128**. The percent of students with a succesful outcome is **61.69%**. A successful outcome means not missing a day of school and the student decreasing their number of absences from baseline grading period to the final grading period.

Success	n	percent
FALSE	477	38.31%
TRUE	768	61.69%

Match	Success	n	percent
No	TRUE	672	60.16%
Yes	TRUE	96	75.00%

Achievment by Council

Council	Success	n	percent
Citrus Council	TRUE	73	64.60%
Gateway Council	TRUE	174	46.15%

Council	Success	n	percent
Panhandle Council	TRUE	157	61.57%
Southeast Council	TRUE	143	65.60%
Tropical Council	TRUE	9	69.23%
West Central Council	TRUE	212	78.81%

Decrease in Absences

Average Decrease for students who had a chance to improve attendance

Avg_Change

-0.1867816

Match	Avg_Change
No	-0.2228916
Yes	0.5625000

Year_Id	Avg_Change
14-15	-2.1095306
15-16	0.9317343

Attendance History: Average Difference
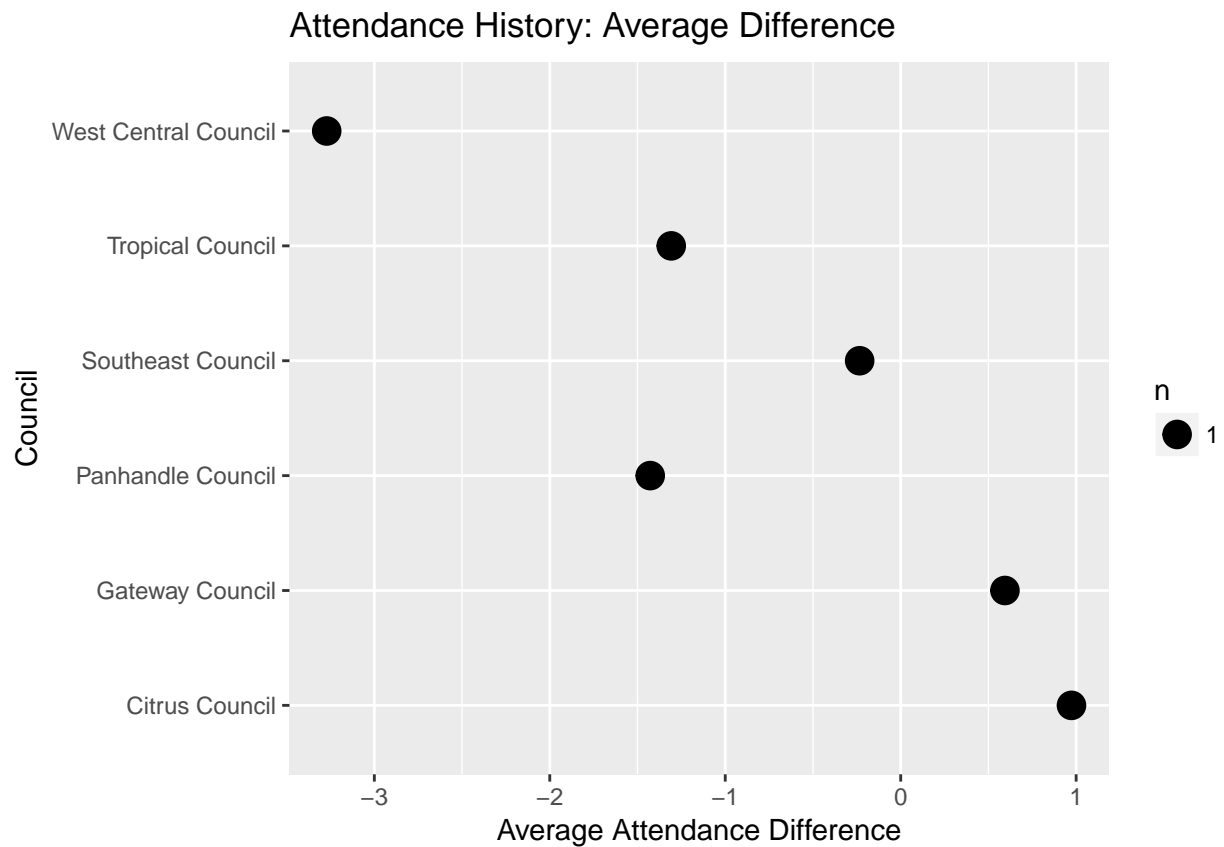
Behavior Data (Suspensions)

Matching attendance data set from the past two membership years. The number of students in the dataset is 1304 and the number of matched students across the two years is 144.

	14-15	15-16	Sum
Citrus Council	78	35	113
Gateway Council	169	266	435
Panhandle Council	255	0	255
Southeast Council	117	102	219
Tropical Council	8	4	12
West Central Council	135	135	270
Sum	762	542	1304

Successful Outcome

By Council

council	Success	n	percent
Citrus Council	TRUE	113	100.00%
Gateway Council	TRUE	429	98.62%
Panhandle Council	TRUE	206	80.78%
Southeast Council	TRUE	182	83.11%
Tropical Council	TRUE	12	100.00%
West Central Council	TRUE	266	98.52%

By Match

Match	Success	n	percent
No	TRUE	1072	92.41%
Yes	TRUE	136	94.44%

Average Difference by Year

Year_Id	avg_diff
14-15	14.416667
15-16	1.333333

council	Year_Id	avg_diff
Gateway Council	15-16	-0.500000
Panhandle Council	14-15	18.400000
Southeast Council	14-15	-5.500000
Southeast Council	15-16	2.666667

council	Year_Id	avg_diff
West Central Council	15-16	1.000000

Match	avg_diff
No	11
Yes	-6

Plots

Suspensions: Difference between baseline and final

Suspensions: Difference by Match

Suspensions: Difference by Membership Year
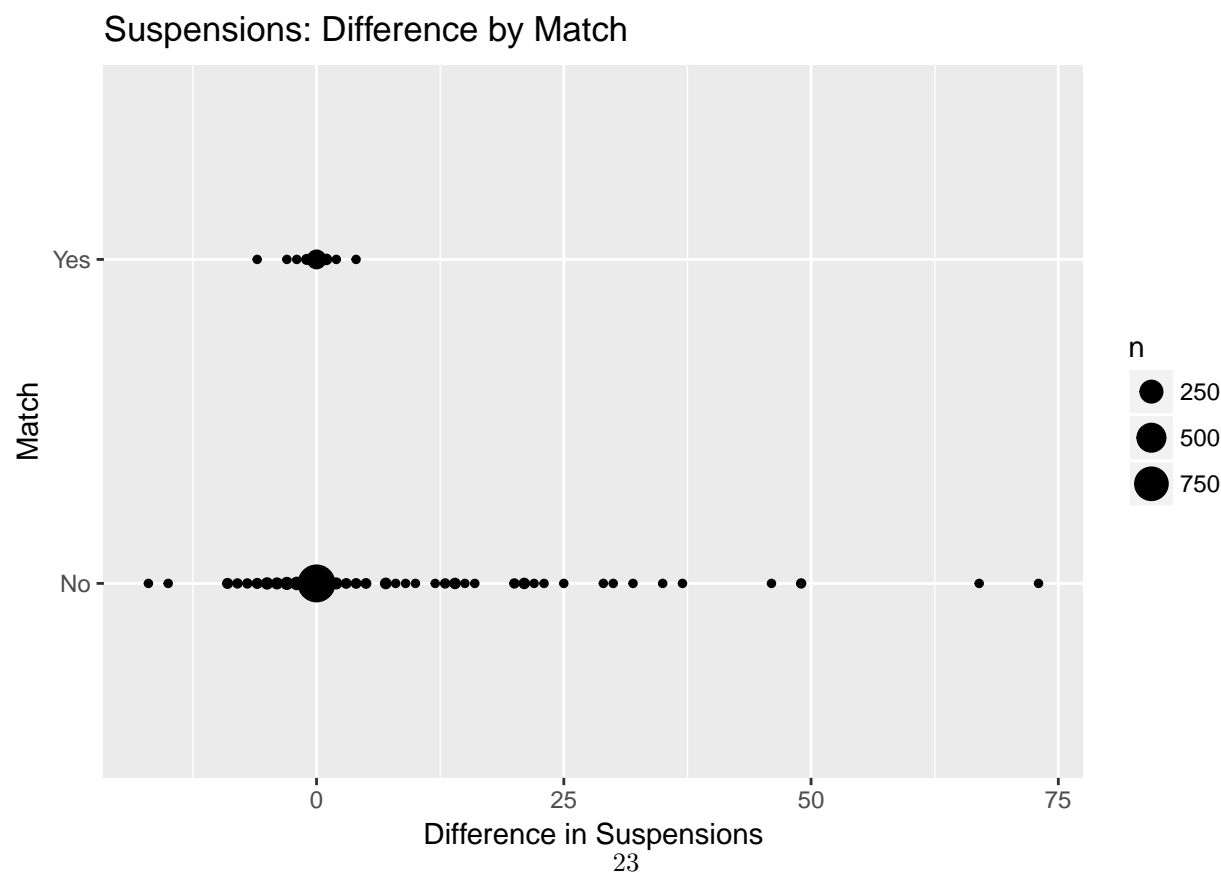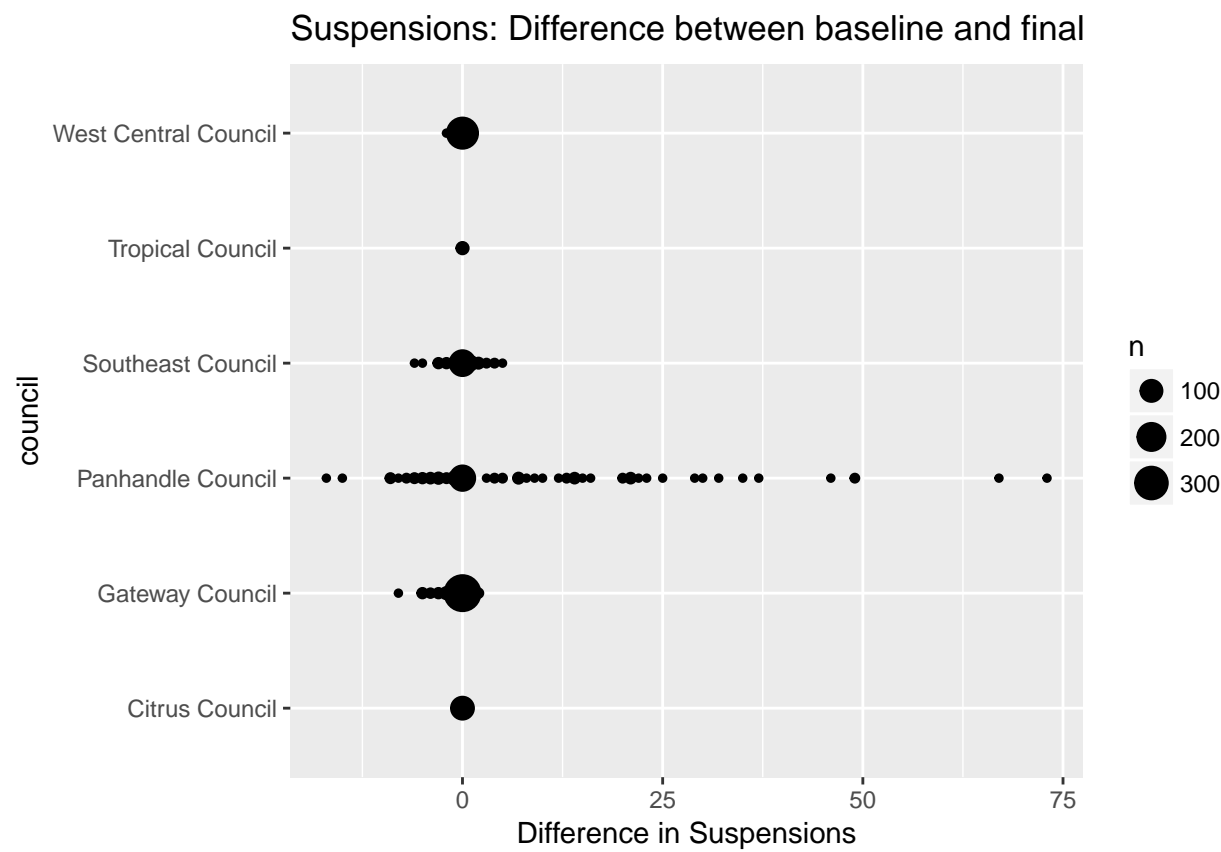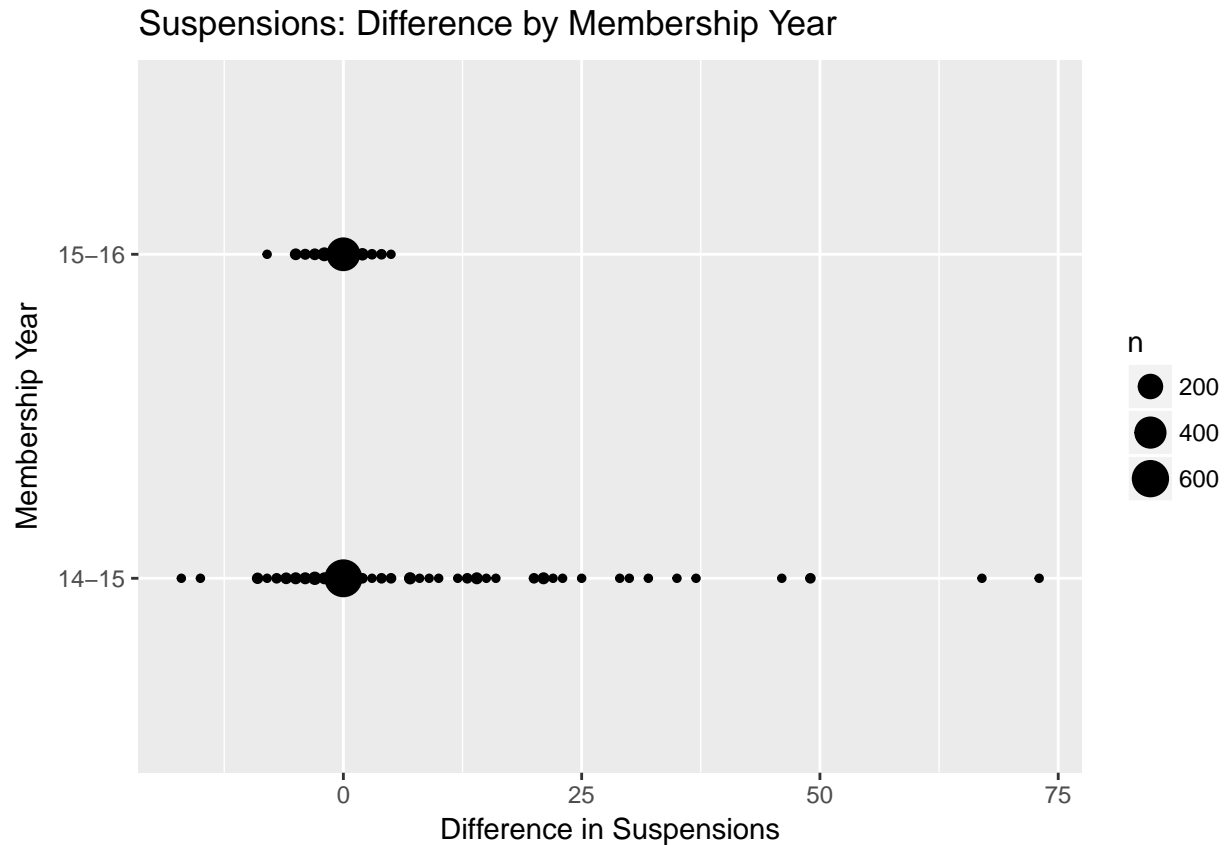
Strengths-Challenges-Recommendations

Strengths

The Get REAL! program is meeting the program objectives. The objectives set out are realistic and not too easy to achieve. The life skills surveys align with the objectives of the program. The survey data tell a story of students that desire to do well in school but may not have all the social and academic tools to succeed.

Challenges

Data entry on a timely basis and duplicate entry has been a challenge. Matching 970 students over three years is disappointing given the enrollment numbers over the past three years. A primary driver for moving the administration of the surveys to the spring is to facilitate a higher completion rate and to have data entered into Qualtrics by June 30.

Recommendations

- **Emphasize and encourage getting data entry into Qualtrics by June 30, 2017.**

A data entry cutoff is needed in order to complete the final report. Writer can extend the data entry deadline but does not wish to extend beyond July 5.

- **Explore updating the Attendance Objective to emphasize more impactful results.**

Currently the objective is missing the big picture of improved attendance rate. For instance students with zero absences at baseline and one at final is not considered a success. The writer will look at the impact of students with 4 or more absences. Four or more absences in a quarter places a student at risk for chronic absenteeism.